ENVIRONMENT ANNUAL INDEX

■ Volume 31 ■

■ January–December 1989 ■

■ SUBJECT INDEX ■

ACID DEPOSITION

Regional and Global Impacts on the Biosphere: A Methodology for Assessment and Prediction, by Thomas E. Graedel; January/February, p. 8

AFRICA

Conservation vs. Development: River Basin Projects in Africa, by Thayer Scudder; March, p. 4

AGRICULTURE

Conservation vs. Development: River Basin Projects in Africa, by Thayer Scudder; March, p. 4

Sheepfarming after Chernobyl: A Case Study in Communicating Scientific Information, by Brian Wynne; March, p. 10

Sustainable Agriculture,* by Miguel A. Altieri; April, p. 2

Sustainable Agriculture,* by Robert W. Kasten, Jr.; March, p. 2

Sustainable Development: Lessons from Success, by Walter V. C. Reid; May, p. 6

Sustaining Agriculture on Marginal Land: A Policy Framework, by Edward B. Barbier; November, p. 12

AIR POLLUTION

Air Pollution,* by Srinivas Emani and Halina Brown; May, p. 2

Air Pollution,* by Kirk R. Smith; May, p. 3

Air Pollution, the Automobile, and Public Health,† edited by Ann Y. Watson, Richard R. Bates, and Donald Kennedy; reviewed by Richard Wilson; May, p. 25

Clean Air Reactions,* by A. Joseph Dowd; July/August, p. 2

Clean Air Reactions,* by Bill Fay; July/August, p. 3

Clean Air Reactions,* by Timothy E. Wirth; July/August, p. 3

Monitoring the Global Environment: An Assessment of Urban Air Quality, A Report from the United Nations Environment Programme and the World Health Organization; October, p. 6

Pollution and Health,* by Ann Y. Watson; June, p. 4

Pollution Prevention: Implications for Engineering Design, Research, and Education, by Sheldon K. Friedlander; May, p. 10

INDEX HEADINGS

Acid Deposition
Africa
Agriculture
Air Pollution
Alaska (see Arctic)
Amazon (see Brazil)
Arctic
Asia
Atmospheric Chemistry (see also Air Pollution, Greenhouse Effect)
Australia
Automobiles
Brazil
Canada
Cancer
Center for Environmental Intern Programs Fund
Chernobyl
China
Climate Change (see also Global Policy)
Columbia River Basin
Congress (see Legislation)
Development (see also Sustainable Development)
EC (see European Community)
Economics
Education
Energy
Engineering
Environmental Impact Statements (see National Environmental Policy Act)
Environmental Law Institute
Ethics
European Community (EC)
Fisheries
Flood Control
Forest Management
Foundation for Environmental Conservation
Geology
Global Change (see Climate Change, Global Policy)
Global Policy (see also Policy—Domestic, Politics—International)
Government Agencies
Green Party
Greenhouse Effect
Industry
Institutions
Intergovernmental Panel on Climate Change
Japan (see also Asia)
Lake Tahoe
Legislation—International
Legislation—United States
Media
National Environmental Policy Act (NEPA)
National Parks (see Parks and Preserves)
New Zealand
Nongovernmental Organizations (NGOs)
Nuclear Energy
Nuclear Waste
Parks and Preserves
Policy—Domestic (see also Global Policy, Politics)
Politics—International (see also Global Policy)
Politics—Japan
Politics—New Zealand
Politics—United Kingdom
Politics—United States
Pollution (see also Air Pollution, Water Pollution)
Public Health
Radioactive Fallout
Recycling
Reports
Research Programs
Risk Assessment
Risk Communication
SARA (see Superfund)
Smithsonian Tropical Research Institute
Superfund Amendments and Reauthorization Act (SARA)
Sustainable Development
United Kingdom
Urban Pollution
Waste Isolation Pilot Plant
Waste Management
Waste Reduction
Water Management
Water Pollution
Wildlands (see Parks and Preserves)
Wildlife
World Bank
World Conference on the Changing Atmosphere

Books of Note

Regional and Global Impacts on the Biosphere: A Methodology for Assessment and Prediction, by Thomas E. Graedel; January/February, p. 8

The Underlying Pattern, by Gilbert F. White; October, editorial

ALASKA (see ARCTIC)

AMAZON (see BRAZIL)

ARCTIC

Arctic National Wildlife Refuge,* by Steven E. Plotkin; September, p. 2

Law—Oil Development and the Arctic National Wildlife Refuge, by Lisa Speer; May, p. 42

ASIA

Environmental Journalism: Guardian of the Asian Commons, by Sharon M. Friedman and Kenneth A. Friedman; June, p. 6

Japan and the Environment,* by Kazu Kato; July/August, p. 4

1989 White Paper on the Environment, by Julia Andrews; July/August, p. 28

Reducing the Incidence of Disease: Clues from the Environment, by Harold D. Foster; April, p. 12

Three Reports on Japan and the Global Environment†; reviewed by Alan S. Miller; July/August, p. 25

ATMOSPHERIC CHEMISTRY (see also AIR POLLUTION, GREENHOUSE EFFECT)

Climate Change,* by Norman J. Rosenberg, Joel Darmstadter, and Pierre Crosson; January/February, p. 2

Law of the Air,* by Arthur H. Westing; April, p. 3

Monitoring the Global Environment: An Assessment of Urban Air Quality, A Report from the United Nations Environment Programme and the World Health Organization; October, p. 6

Regional and Global Impacts on the Biosphere: A Methodology for Assessment and Prediction, by Thomas E. Graedel; January/February, p. 8

World Conference on the Changing Atmosphere: Implications for Global Security—The Conference Statement†; reviewed by Peter Usher; January/February, p. 25

AUSTRALIA

Greenhouse: Planning for Climate Change,† edited by G. I. Pearman; reviewed by Jill Jäger; June, p. 25

AUTOMOBILES

Air Pollution, the Automobile, and Public Health,† edited by Ann Y. Watson, Richard R. Bates, and Donald Kennedy; reviewed by Richard Wilson; May, p. 25

Pollution and Health,* by Ann Y. Watson; June, p. 4

The Road to Fuel Efficiency in the Passenger Vehicle Fleet, by Steven E. Plotkin; July/August, p. 18

BRAZIL

Deforestation in the Amazon,* by Philip M. Fearnside; September, p. 4

Deforestation in the Amazon,* by Thomas R. Fisher and Luiz F. Alves; September, p. 4

A Prescription for Slowing Deforestation in Amazonia, by Philip M. Fearnside; May, p. 16

Sustainable Development: Lessons from Success, by Walter V. C. Reid; May, p. 6

CANADA

Natural Resources—Canada, Carbon Dioxide, and the Greenhouse Effect, by Larry Hughes and Sandy Scott; November, p. 4

Nuclear Waste—Nuclear Fuel Waste Disposal: The Review Process, by Stephen Salaff; December, p. 34

CANCER

Reducing the Incidence of Disease: Clues from the Environment, by Harold D. Foster; April, p. 12

* Commentary

† Report on Reports

DOT/FEDERAL HIGHWAY ADMINISTRATION

CENTER FOR ENVIRONMENTAL INTERN PROGRAMS FUND

Institutions—The CEIP Fund, Inc., by John R. Cook, Jr.; December, p. 33

CHERNOBYL

Sheepfarming after Chernobyl: A Case Study in Communicating Scientific Information, by Brian Wynne; March, p. 10

CHINA

Reducing the Incidence of Disease: Clues from the Environment, by Harold D. Foster; April, p. 12

CLIMATE CHANGE (see also GLOBAL POLICY)

Climate Change,* by Norman J. Rosenberg, Joel Darmstadter, and Pierre Crosson; January/February, p. 2

Forests: A Tool to Moderate Global Warming? by Roger A. Sedjo; January/February, p. 14

Global Change,* by Mohamed T. El-Ashry; October, p. 3

Greenhouse: Planning for Climate Change,† edited by G. I. Pearman; reviewed by Jill Jäger; June, p. 25

International—The Intergovernmental Panel on Climate Change, by William A. Nitze; January/February, p. 44

Law—Environmental Impact Statements and Climate Change, by Glenn T. Prickett and David A. Wirth; March, p. 44

Mission to Planet Earth Revisited: An Update on Studies of Global Change, by Thomas F. Malone and Robert Corell; April, p. 6

Natural Resources—Canada, Carbon Dioxide, and the Greenhouse Effect, by Larry Hughes and Sandy Scott; November, p. 4

Natural Resources—Greenhouse Gases, Climate Change, and U.S. Forest Markets, by James L. Regens, Frederick W. Cubbage, and Donald G. Hodges; May, p. 4

Planning for Our Common Future: Options for Action, by Martin W. Holdgate; October, p. 14

Regional and Global Impacts on the Biosphere: A Methodology for Assessment and Prediction, by Thomas E. Graedel; January/February, p. 8

World Conference on the Changing Atmosphere: Implications for Global Security—The Conference Statement†; reviewed by Peter Usher; January/February, p. 25

COLUMBIA RIVER BASIN

The Columbia River Basin: Experimenting with Sustainability, by Kai N. Lee; July/August, p. 6

CONGRESS (see LEGISLATION)

DEVELOPMENT (see also SUSTAINABLE DEVELOPMENT)

Lake Tahoe: Preserving a Fragile Ecosystem, by Charles R. Goldman; September, p. 6

Overcoming Federal Water Policies: The Wildcat-San Pablo Creeks Case, by Ann L. Riley; December, p. 12

Wildlands: Balancing Conversion with Conservation in World Bank Projects, by Robert Goodland and George Ledec; November, p. 6

EC (see EUROPEAN COMMUNITY)

ECONOMICS

Harnessing Market Forces to Protect the Environment, by Robert N. Stavins; January/February, p. 4

Forests: A Tool to Moderate Global Warming? by Roger A. Sedjo; January/February, p. 14

The Road to Fuel Efficiency in the Passenger Vehicle Fleet, by Steven E. Plotkin; July/August, p. 18

Sustaining Agriculture on Marginal Land: A Policy Framework, by Edward B. Barbier; November, p. 12

Transporting Waste in the European Community: A Free Market? by Duncan Laurence and Brian Wynne; July/August, p. 12

Waste Management—Mass Burn Is Dying, by Neil Seldman; September, p. 42

EDUCATION

Education—Personnel and Research Shortages: Policy Recommendations for the Environmental Professions, by Richard G. Luthy; April, p. 4

Institutions—The CEIP Fund, Inc., by John R. Cook, Jr.; December, p. 33

Institutions—Environmental Law Institute, by J. William Futrell; September, p. 45

Pollution Prevention: Implications for Engineering Design, Research, and Education, by Sheldon K. Friedlander; May, p. 10

Saturday's Students,* by Joseph M. Petulla; October, p. 2

ENERGY

Arctic National Wildlife Refuge,* by Steven E. Plotkin; September, p. 2

Energy—Our Energy Future: Time Horizons and Instability, by R. Stephen Berry; July/August, p. 5

Law—Oil Development and the Arctic National Wildlife Refuge, by Lisa Speer; May, p. 42

Natural Resources—Canada, Carbon Dioxide, and the Greenhouse Effect, by Larry Hughes and Sandy Scott; November, p. 4

Nuclear Energy Redux,* by John F. Ahearne; March, p. 3

Nuclear Energy Redux,* by John H. Gibbons; March, p. 2

The Road to Fuel Efficiency in the Passenger Vehicle Fleet, by Steven E. Plotkin; July/August, p. 18

ENGINEERING

Pollution Prevention: Implications for Engineering Design, Research, and Education, by Sheldon K. Friedlander; May, p. 10

ENVIRONMENTAL IMPACT STATEMENTS (see NATIONAL ENVIRONMENTAL POLICY ACT)

ENVIRONMENTAL LAW INSTITUTE

Institutions—Environmental Law Institute, by J. William Futrell; September, p. 45

ETHICS

Ethics and Organizations,* by Charles Malone; May, p. 3

EUROPEAN COMMUNITY (EC)

Transporting Waste in the European Community: A Free Market? by Duncan Laurence and Brian Wynne; July/August, p. 12

FISHERIES

The Columbia River Basin: Experimenting with Sustainability, by Kai N. Lee; July/August, p. 6

Wildlands: Balancing Conversion with Conservation in World Bank Projects, by Robert Goodland and George Ledec; November, p. 6

FLOOD CONTROL

Conservation vs. Development: River Basin Projects in Africa, by Thayer Scudder; March, p. 4

Overcoming Federal Water Policies: The Wildcat-San Pablo Creeks Case, by Ann L. Riley; December, p. 12

FOREST MANAGEMENT

Deforestation in the Amazon,* by Philip M. Fearnside; September, p. 4

Deforestation in the Amazon,* by Thomas R. Fisher and Luiz F. Alves; September, p. 4

Forests: A Tool to Moderate Global Warming? by Roger A. Sedjo; January/February, p. 14

Natural Resources—Greenhouse Gases, Climate Change, and U.S. Forest Markets, by James L. Regens, Frederick W. Cubbage, and Donald G. Hodges; May, p. 4

A Prescription for Slowing Deforestation in Amazonia, by Philip M. Fearnside; May, p. 16

FOUNDATION FOR ENVIRONMENTAL CONSERVATION

Institutions—Foundation for Environmental Conservation, by Nicholas Polunin; May, p. 44

GEOLOGY

Nuclear Waste—Nuclear Fuel Waste Disposal: The Review Process, by Stephen Salaff; December, p. 34

Reducing the Incidence of Disease: Clues from the Environment, by Harold D. Foster; April, p. 12

Waste Management—Current Controversies over the Waste Isolation Pilot Plant, by Luther J. Carter; September, p. 5

GLOBAL CHANGE (see CLIMATE CHANGE, GLOBAL POLICY)

GLOBAL POLICY (see also POLICY—DOMESTIC, POLITICS—INTERNATIONAL)

Climate Change,* by Norman J. Rosenberg, Joel Darmstadter, and Pierre Crosson; January/February, p. 2

Ecopolitics in the Global Greenhouse, by William B. Wood, George J. Demko, and Phyllis Mofson; September, p. 12

Forests: A Tool to Moderate Global Warming? by Roger A. Sedjo; January/February, p. 14

Global Change,* by Mohamed T. El-Ashry; October, p. 3

Global Change and Our Common Future, by Gro Harlem Brundtland; June, p. 16

Global Change Begins at Home, by William C. Clark; May, editorial

Global Change: Defining the Ill-Defined, by Martin F. Price; October, p. 18

Greenhouse: Planning for Climate Change,† edited by G. I. Pearman; reviewed by Jill Jäger; June, p. 25

International—The Intergovernmental Panel on Climate Change, by William A. Nitze; January/February, p. 44

Japan and the Environment,* by Kazu Kato; July/August, p. 4

The Landscape Connection, by Gilbert F. White; April, editorial

Law—Exporting Pollution: The International Waste Trade, by Mary Deery Uva and Jane Bloom; June, p. 4

Law of the Air,* by Arthur H. Westing; April, p. 3

Mission to Planet Earth Revisited: An Update on Studies of Global Change, by Thomas F. Malone and Robert Corell; April, p. 6

Monitoring the Global Environment: An Assessment of Urban Air Quality, A Report from the United Nations Environment Programme and the World Health Organization; October, p. 6

Planning for Our Common Future: Options for Action, by Martin W. Holdgate; October, p. 14

The Politics of Planetary Management, by William C. Clark; September, editorial

Putting Our Houses in Order, by Timothy O'Riordan; Jun[illegible] rial

Sovereignty and the Environment: Part of the Solution or [illegible] of the Problem? by Kenneth W. Piddington; September, p. 18

Three Reports on Japan and the Global Environment†; reviewed by Alan S. Miller; July/August, p. 25

Upward from a Foothills Summit, by Timothy O'Riordan; July/August, editorial

Wildlands: Balancing Conversion with Conservation in World Bank Projects, by Robert Goodland and George Ledec; November, p. 6

World Conference on the Changing Atmosphere: Implications for Global Security—The Conference Statement†; reviewed by Peter Usher; January/February, p. 25

GOVERNMENT AGENCIES

The Achievements of New Zealand's New Department of Conservation, by David McDowell; April, p. 42

Global Change: Defining the Ill-Defined, by Martin F. Price; October, p. 18

New Zealand Conservation,* by William K. Reilly; September, p. 2

Nuclear Waste—Nuclear Fuel Waste Disposal: The Review Process, by Stephen Salaff; December, p. 34

Opening Doors: Making Risk Communication Agency Reality, by Caron Chess and Billie Jo Hance; June, p. 10

Overcoming Federal Water Policies: The Wildcat-San Pablo Creeks Case, by Ann L. Riley; December, p. 12

Reorganizing Conservation Efforts in New Zealand, by Robert Cahn and Patricia L. Cahn; April, p. 18

GREEN PARTY

The Year of the Greens: Britain's Cultural Revolution, by Tom Burke; November, p. 18

GREENHOUSE EFFECT

Climate Change,* by Norman J. Rosenberg, Joel Darmstadter, and Pierre Crosson; January/February, p. 2

Ecopolitics in the Global Greenhouse, by William B. Wood, George J. Demko, and Phyllis Mofson; September, p. 12

Forests: A Tool to Moderate Global Warming? by Roger A. Sedjo; January/February, p. 14

Greenhouse: Planning for Climate Change,† edited by G. I. Pearman; reviewed by Jill Jäger; June, p. 25

Law of the Air,* by Arthur H. Westing; April, p. 3

Natural Resources—Canada, Carbon Dioxide, and the Greenhouse Effect, by Larry Hughes and Sandy Scott; November, p. 4

Natural Resources—Greenhouse Gases, Climate Change, and U.S. Forest Markets, by James L. Regens, Frederick W. Cubbage, and Donald G. Hodges; May, p. 4

Regional and Global Impacts on the Biosphere: A Methodology for Assessment and Prediction, by Thomas E. Graedel; January/February, p. 8

World Conference on the Changing Atmosphere: Implications for Global Security—The Conference Statement†; reviewed by Peter Usher; January/February, p. 25

INDUSTRY

Clean Air Reactions,* by A. Joseph Dowd; July/August, p. 2

Clean Air Reactions,* by Bill Fay; July/August, p. 3

Industry—Pollution Prevention: The Chevron Story, by Greg Karras; October, p. 4

Pollution Prevention: Implications for Engineering Design, Research, and Education, by Sheldon K. Friedlander; May, p. 10

Waste Reduction—Source Reduction Research Partnership: A Unique Joint Venture, by Azita Yazdani; November, p. 2

INSTITUTIONS

Institutions—The CEIP Fund, Inc., by John R. Cook, Jr.; December, p. 33

Institutions—Environmental Law Institute, by J. William Futrell; September, p. 45

Institutions—Foundation for Environmental Conservation, by Nicholas Polunin; May, p. 44

Institutions—The Smithsonian Tropical Research Institute, by Ira Rubinoff; June, p. 44

Wildlands: Balancing Conversion with Conservation in World Bank Projects, by Robert Goodland and George Ledec; November, p. 6

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

International—The Intergovernmental Panel on Climate Change, by William A. Nitze; January/February, p. 44

JAPAN (see also ASIA)

Japan and the Environment,* by Kazu Kato; July/August, p. 4

1989 White Paper on the Environment, by Julia Andrews; July/August, p. 28

Three Reports on Japan and the Global Environment†; reviewed by Alan S. Miller; July/August, p. 25

LAKE TAHOE

Lake Tahoe: Preserving a Fragile Ecosystem, by Charles R. Goldman; September, p. 6

LEGISLATION—INTERNATIONAL

Law—Exporting Pollution: The International Waste Trade, by Mary Deery Uva and Jane Bloom; June, p. 4

Transporting Waste in the European Community: A Free Market? by Duncan Laurence and Brian Wynne; July/August, p. 12

LEGISLATION—UNITED STATES

Arctic National Wildlife Refuge,* by Steven E. Plotkin; September, p. 2

Clean Air Reactions,* by A. Joseph Dowd; July/August, p. 2

Clean Air Reactions,* by Bill Fay; July/August, p. 3

Clean Air Reactions,* by Timothy E. Wirth; July/August, p. 3

A Constitutional Law for the Environment: 20 Years with NEPA Indicates the Need, by Lynton K. Caldwell; December, p. 6

An Environmental Amendment to the Constitution?* by Timothy B. Atkeson; December, p. 2

An Environmental Amendment to the Constitution?* by Gordon E. Beanlands; December, p. 5

An Environmental Amendment to the Constitution?* by Lynton K. Caldwell; December, p. 31

An Environmental Amendment to the Constitution?* by Richard A. Carpenter; December, p. 3

An Environmental Amendment to the Constitution?* by Brian D. Clark; December, p. 5

An Environmental Amendment to the Constitution?* by Riley E. Dunlap; December, p. 4

An Environmental Amendment to the Constitution?* by E. Thomas Tuchmann; December, p. 4

Institutions—Environmental Law Institute, by J. William Futrell; September, p. 45

Law—Environmental Impact Statements and Climate Change, by Glenn T. Prickett and David A. Wirth; March, p. 44

Law—Oil Development and the Arctic National Wildlife Refuge, by Lisa Speer; May, p. 42

Law—Superfund Implementation: The Polluter Must Be Made to Pay, by Douglas W. Wolf; January/February, p. 42

NEPA at Twenty and Beyond, by Gilbert F. White; December, editorial

MEDIA

Effective Communication: There is Much to Learn, by Alan McGowan; March, editorial

Environmental Journalism: Guardian of the Asian Commons, by Sharon M. Friedman and Kenneth A. Friedman; June, p. 6

Media Coverage,* by Michael R. Greenberg, Peter M. Sandman, David B. Sachsman, and Kandice L. Salomone; June, p. 3

Media Coverage,* by Fred Jerome; June, p. 2

Network Television News Coverage of Environmental Risks, by Michael R. Greenberg, Peter M. Sandman, David B. Sachsman, and Kandice L. Salomone; March, p. 16

* Commentary
† Report on Reports

The Year of the Greens: Britain's Cultural Revolution, by Tom Burke; November, p. 18

NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

A Constitutional Law for the Environment: 20 Years with NEPA Indicates the Need, by Lynton K. Caldwell; December, p. 6

An Environmental Amendment to the Constitution?* by Timothy B. Atkeson; December, p. 2

An Environmental Amendment to the Constitution?* by Gordon E. Beanlands; December, p. 5

An Environmental Amendment to the Constitution?* by Lynton K. Caldwell; December, p. 31

An Environmental Amendment to the Constitution?* by Richard A. Carpenter; December, p. 3

An Environmental Amendment to the Constitution?* by Brian D. Clark; December, p. 5

An Environmental Amendment to the Constitution?* by Riley E. Dunlap; December, p. 4

An Environmental Amendment to the Constitution?* by E. Thomas Tuchmann; December, p. 4

Law—Environmental Impact Statements and Climate Change, by Glenn T. Prickett and David A. Wirth; March, p. 44

NEPA at Twenty and Beyond, by Gilbert F. White; December, editorial

NATIONAL PARKS (see PARKS AND PRESERVES)

NEW ZEALAND

The Achievements of New Zealand's New Department of Conservation, by David McDowell; April, p. 42

New Zealand Conservation,* by William K. Reilly; September, p. 2

New Zealand Conservation,* by Jim Thorsell; September, p. 2

Reorganizing Conservation Efforts in New Zealand, by Robert Cahn and Patricia L. Cahn; April, p. 18

NONGOVERNMENTAL ORGANIZATIONS (NGOs)

The Achievements of New Zealand's New Department of Conservation, by David McDowell; April, p. 42

Ecopolitics in the Global Greenhouse, by William B. Wood, Gorge J. Demko, and Phyllis Mofson; September, p. 12

Global Change: Defining the Ill-Defined, by Martin F. Price; October, p. 18

Institutions—Foundation for Environmental Conservation, by Nicholas Polunin; May, p. 44

Institutions—The Smithsonian Tropical Research Institute, by Ira Rubinoff; June, p. 44

Lake Tahoe: Preserving a Fragile Ecosystem, by Charles R. Goldman; September, p. 6

Overcoming Federal Water Policies: The Wildcat-San Pablo Creeks Case, by Ann L. Riley; December, p. 12

Planning for Our Common Future: Options for Action, by Martin W. Holdgate; October, p. 14

Reorganizing Conservation Efforts in New Zealand, by Robert Cahn and Patricia L. Cahn; April, p. 18

Waste Management—Mass Burn Is Dying, by Neil Seldman; September, p. 42

NUCLEAR ENERGY

Nuclear Energy Redux,* by John F. Ahearne; March, p. 3

Nuclear Energy Redux,* by John H. Gibbons; March, p. 2

NUCLEAR WASTE

Ethics and Organizations,* by Charles Malone; May, p. 3

Nuclear Waste—Nuclear Fuel Waste Disposal: The Review Process, by Stephen Salaff; December, p. 34

Waste Management—Current Controversies over the Waste Isolation Pilot Plant, by Luther J. Carter; September, p. 5

PARKS AND PRESERVES

The Achievements of New Zealand's New Department of Conservation, by David McDowell; April, p. 42

Arctic National Wildlife Refuge,* by Steven E. Plotkin; September, p. 2

UNITED NATIONS/JOHN ISAAC

Law—Oil Development and the Arctic National Wildlife Refuge, by Lisa Speer; May, p. 42

New Zealand Conservation,* by Jim Thorsell; September, p. 2

Reorganizing Conservation Efforts in New Zealand, by Robert Cahn and Patricia L. Cahn; April, p. 18

Wildlands: Balancing Conversion with Conservation in World Bank Projects, by Robert Goodland and George Ledec; November, p. 6

POLICY—DOMESTIC (see also GLOBAL POLICY, POLITICS)

An Agenda for a New President, by Mindy B. Horowitz; January/February, p. 33

A Constitutional Law for the Environment: 20 Years with NEPA Indicates the Need, by Lynton K. Caldwell; December, p. 6

An Environmental Amendment to the Constitution?* by Timothy B. Atkeson; December, p. 2

An Environmental Amendment to the Constitution?* by Gordon E. Beanlands; December, p. 5

An Environmental Amendment to the Constitution?* by Lynton K. Caldwell; December, p. 31

An Environmental Amendment to the Constitution?* by Richard A. Carpenter; December, p. 3

An Environmental Amendment to the Constitution?* by Brian D. Clark; December, p. 5

An Environmental Amendment to the Constitution?* by Riley E. Dunlap; December, p. 4

An Environmental Amendment to the Constitution?* by E. Thomas Tuchmann; December, p. 4

Environmental Priorities for the New President, by William C. Clark; January/February, editorial

Harnessing Market Forces to Protect the Environment, by Robert N. Stavins; January/February, p. 4

Law—Environmental Impact Statements and Climate Change, by Glenn T. Prickett and David A. Wirth; March, p. 44

Law—Superfund Implementation: The Polluter Must Be Made to Pay, by Douglas W. Wolf; January/February, p. 42

NEPA at Twenty and Beyond, by Gilbert F. White; December, editorial

Overcoming Federal Water Policies: The Wildcat-San Pablo Creeks Case, by Ann L. Riley; December, p. 12

A Prescription for Slowing Deforestation in Amazonia, by Philip M. Fearnside; May, p. 16

Sustainable Development: Lessons from Success, by Walter V. C. Reid; May, p. 6

Sustaining Agriculture on Marginal Land: A Policy Framework, by Edward B. Barbier; November, p. 12

POLITICS—INTERNATIONAL (see also GLOBAL POLICY)

Ecopolitics in the Global Greenhouse, by William B. Wood, George J. Demko, and Phyllis Mofson; September, p. 12

An Environmental Thaw? by Alan McGowan; November, editorial

Global Change Begins at Home, by William C. Clark; May, editorial

Japan and the Environment,* by Kazu Kato; July/August, p. 4

Law—Exporting Pollution: The International Waste Trade, by Mary Deery Uva and Jane Bloom; June, p. 4

The Politics of Planetary Management, by William C. Clark; September, editorial

Sovereignty and the Environment: Part of the Solution or Part of the Problem? by Kenneth W. Piddington; September, p. 18

Three Reports on Japan and the Global Environment†; reviewed by Alan S. Miller; July/August, p. 25

The Year of the Greens: Britain's Cultural Revolution, by Tom Burke; November, p. 18

POLITICS—JAPAN

Japan and the Environment,* by Kazu Kato; July/August, p. 4

Three Reports on Japan and the Global Environment†; reviewed by Alan S. Miller; July/August, p. 25

POLITICS—NEW ZEALAND

The Achievements of New Zealand's New Department of Conservation, by David McDowell; April, p. 42

Reorganizing Conservation Efforts in New Zealand, by Robert Cahn and Patricia L. Cahn; April, p. 18

POLITICS—UNITED KINGDOM

Sheepfarming after Chernobyl: A Case Study in Communicating Scientific Information, by Brian Wynne; March, p. 10

The Year of the Greens: Britain's Cultural Revolution, by Tom Burke; November, p. 18

POLITICS—UNITED STATES

An Agenda for a New President, by Mindy B. Horowitz; January/February, p. 33

Clean Air Reactions,* by A. Joseph Dowd; July/August, p. 2

Clean Air Reactions,* by Bill Fay; July/August, p. 3

Clean Air Reactions,* by Timothy E. Wirth; July/August, p. 3

A Constitutional Law for the Environment: 20 Years with NEPA Indicates the Need, by Lynton K. Caldwell; December, p. 6

An Environmental Amendment to the Constitution?* by Timothy B. Atkeson; December, p. 2

An Environmental Amendment to the Constitution?* by Gordon E. Beanlands; December, p. 5

An Environmental Amendment to the Constitution?* by Lynton K. Caldwell; December, p. 31

An Environmental Amendment to the Constitution?* by Richard A. Carpenter; December, p. 3

An Environmental Amendment to the Constitution?* by Brian D. Clark; December, p. 5

An Environmental Amendment to the Constitution?* by Riley E. Dunlap; December, p. 4

An Environmental Amendment to the Constitution?* by E. Thomas Tuchmann; December, p. 4

Environmental Priorities for the New President, by William C. Clark; January/February, editorial

Global Change Begins at Home, by William C. Clark; May, editorial

* Commentary

† Report on Reports

NASA

Harnessing Market Forces to Protect the Environment, by Robert N. Stavins; January/February, p. 4

NEPA at Twenty and Beyond, by Gilbert F. White; December, editorial

POLLUTION (see also AIR POLLUTION, WATER POLLUTION)

Industry—Pollution Prevention: The Chevron Story, by Greg Karras; October, p. 4

Law—Exporting Pollution: The International Waste Trade, by Mary Deery Uva and Jane Bloom; June, p. 4

Law—Superfund Implementation: The Polluter Must Be Made to Pay, by Douglas W. Wolf; January/February, p. 42

Pollution Prevention: Implications for Engineering Design, Research, and Education, by Sheldon K. Friedlander; May, p. 10

PUBLIC HEALTH

Air Pollution, the Automobile, and Public Health,† edited by Ann Y. Watson, Richard R. Bates, and Donald Kennedy; reviewed by Richard Wilson; May, p. 25

Pollution and Health,* by Ann Y. Watson; June, p. 4

Reducing the Incidence of Disease: Clues from the Environment, by Harold D. Foster; April, p. 12

RADIOACTIVE FALLOUT

Sheepfarming after Chernobyl: A Case Study in Communicating Scientific Information, by Brian Wynne; March, p. 10

RECYCLING

Waste Management—Mass Burn Is Dying, by Neil Seldman; September, p. 42

REPORTS

Air Pollution, the Automobile, and Public Health,† edited by Ann Y. Watson, Richard R. Bates, and Donald Kennedy; reviewed by Richard Wilson; May, p. 25

Greenhouse: Planning for Climate Change,† edited by G. I. Pearman; reviewed by Jill Jäger; June, p. 25

Harnessing Market Forces to Protect the Environment, by Robert N. Stavins; January/February, p. 4

Japan and the Environment,* by Kazu Kato; July/August, p. 4

Monitoring the Global Environment: An Assessment of Urban Air Quality, A Report from the United Nations Environment Programme and the World Health Organization; October, p. 6

1989 White Paper on the Environment, by Julia Andrews; July/August, p. 28

Pollution and Health,* by Ann Y. Watson; June, p. 4

Three Reports on Japan and the Global Environment†; reviewed by Alan S. Miller; July/August, p. 25

World Conference on the Changing Atmosphere: Implications for Global Security—The Conference Statement†; reviewed by Peter Usher; January/February, p. 25

World Resources 1988–89,† by World Resources Institute, International Institute for Environment and Development, United Nations Environment Programme; reviewed by Jeffrey A. McNeeley; April, p. 25

RESEARCH PROGRAMS

Education—Personnel and Research Shortages: Policy Recommendations for the Environmental Professions, by Richard G. Luthy; April, p. 4

Energy—Our Energy Future: Time Horizons and Instability, by R. Stephen Berry; July/August, p. 5

Global Change: Defining the Ill-Defined, by Martin F. Price; October, p. 18

Institutions—The Smithsonian Tropical Research Institute, by Ira Rubinoff; June, p. 44

Mission to Planet Earth Revisited: An Update on Studies of Global Change, by Thomas F. Malone and Robert Corell; April, p. 6

Pollution Prevention: Implications for Engineering Design, Research, and Education, by Sheldon K. Friedlander; May, p. 10

Saturday's Students,* by Joseph M. Petulla; October, p. 2

Waste Reduction—Source Reduction Research Partnership: A Unique Joint Venture, by Azita Yazdani; November, p. 2

RISK ASSESSMENT

Air Pollution,* by Srinivas Emani and Halina Brown; May, p. 2

Air Pollution,* by Kirk R. Smith; May, p. 3

Ethics and Organizations,* by Charles Malone; May, p. 3

Sheepfarming after Chernobyl: A Case Study in Communicating Scientific Information, by Brian Wynne; March, p. 10

RISK COMMUNICATION

Effective Communication: There is Much to Learn, by Alan McGowan; March, editorial

Environmental Journalism: Guardian of the Asian Commons, by Sharon M. Friedman and Kenneth A. Friedman; June, p. 6

Media Coverage,* by Michael R. Greenberg, Peter M. Sandman, David B. Sachsman, and Kandice L. Salomone; June, p. 3

Media Coverage,* by Fred Jerome; June, p. 2

Network Television News Coverage of Environmental Risks, by Michael R. Greenberg, Peter M. Sandman, David B. Sachsman, and Kandice L. Salomone; March, p. 16

Opening Doors: Making Risk Communication Agency Reality, by Caron Chess and Billie Jo Hance; June, p. 10

Sheepfarming after Chernobyl: A Case Study in Communicating Scientific Information, by Brian Wynne; March, p. 10

SARA (see SUPERFUND)

SMITHSONIAN TROPICAL RESEARCH INSTITUTE

Institutions—The Smithsonian Tropical Research Institute, by Ira Rubinoff; June, p. 44

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA)

Law—Superfund Implementation: The Polluter Must Be Made to Pay, by Douglas W. Wolf; January/February, p. 42

SUSTAINABLE DEVELOPMENT

The Columbia River Basin: Experimenting with Sustainability, by Kai N. Lee; July/August, p. 6

Conservation vs. Development: River Basin Projects in Africa, by Thayer Scudder; March, p. 4

Deforestation in the Amazon,* by Philip M. Fearnside; September, p. 4

Deforestation in the Amazon,* by Thomas R. Fisher and Luiz F. Alves; September, p. 4

A Prescription for Slowing Deforestation in Amazonia. by Philip M. Fearnside; May, p. 16

Sovereignty and the Environment: Part of the Solution or Part of the Problem? by Kenneth W. Piddington; September, p. 18

Sustainable Agriculture,* by Miguel A. Altieri; April, p. 2

Sustainable Development: Lessons from Success, by Walter V. C. Reid; May, p. 6

Sustaining Agriculture on Marginal Land: A Policy Framework, by Edward B. Barbier; November, p. 12

Wildlands: Balancing Conversion with Conservation in World Bank Projects, by Robert Goodland and George Ledec; November, p. 6

UNITED KINGDOM

Sheepfarming after Chernobyl: A Case Study in Communicating Scientific Information, by Brian Wynne; March, p. 10

The Year of the Greens: Britain's Cultural Revolution, by Tom Burke; November, p. 18

URBAN POLLUTION

Monitoring the Global Environment: An Assessment of Urban Air Quality, A Report from the United Nations Environment Programme and the World Health Organization; October, p. 6

1989 White Paper on the Environment, by Julia Andrews; July/August, p. 28

WASTE ISOLATION PILOT PLANT

Waste Management—Current Controversies over the Waste Isolation Pilot Plant, by Luther J. Carter; September, p. 5

WASTE MANAGEMENT

Industry—Pollution Prevention: The Chevron Story, by Greg Karras; October, p. 4

Law—Exporting Pollution: The International Waste Trade, by Mary Deery Uva and Jane Bloom; June, p. 4

Transporting Waste in the European Community: A Free Market? by Duncan Laurence and Brian Wynne; July/August, p. 12

Waste Management—Current Controversies over the Waste Isolation Pilot Plant, by Luther J. Carter; September, p. 5

Waste Management—Mass Burn Is Dying, by Neil Seldman; September, p. 42

WASTE REDUCTION

Industry—Pollution Prevention: The Chevron Story, by Greg Karras; October, p. 4

Pollution Prevention: Implications for Engineering Design, Research, and Education, by Sheldon K. Friedlander; May, p. 10

Waste Management—Mass Burn Is Dying, by Neil Seldman; September, p. 42

Waste Reduction—Source Reduction Research Partnership: A Unique Joint Venture, by Azita Yazdani; November, p. 2

WATER MANAGEMENT

The Columbia River Basin: Experimenting with Sustainability, by Kai N. Lee; July/August, p. 6

Conservation vs. Development: River Basin Projects in Africa, by Thayer Scudder; March, p. 4

Overcoming Federal Water Policies: The Wildcat-San Pablo Creeks Case, by Ann L. Riley; December, p. 12

WATER POLLUTION

Lake Tahoe: Preserving a Fragile Ecosystem, by Charles R. Goldman; September, p. 6

WILDLANDS (see PARKS AND PRESERVES)

WILDLIFE

Wildlands: Balancing Conversion with Conservation in World Bank Projects, by Robert Goodland and George Ledec; November, p. 6

WORLD BANK

Sovereignty and the Environment: Part of the Solution or Part of the Problem? by Kenneth W. Piddington; September, p. 18

Wildlands: Balancing Conversion with Conservation in World Bank Projects, by Robert Goodland and George Ledec; November, p. 6

WORLD CONFERENCE ON THE CHANGING ATMOSPHERE

Climate Change,* by Norman J. Rosenberg, Joel Darmstadter, and Pierre Crosson; January/February, p. 2

World Conference on the Changing Atmosphere: Implications for Global Security—The Conference Statement†; reviewed by Peter Usher; January/February, p. 25

BOOKS OF NOTE

Acid Rain and Emissions Trading, by Roger K. Raufer and Stephen L. Feldman; reviewed by Giandomenico Majone; June, p. 29

The Bird of Time: The Science and Politics of Nature Conservation, by N. W. Moore; reviewed by John H. Perkins; April, p. 29

Boundary Layer Climates, 2d edition, by T. R. Oke; reviewed by Robert E. Dickinson; September, p. 25

Bureaucratic Politics and Regulatory Reform: The EPA and Emissions Trading, by Brian J. Cook; reviewed by Giandomenico Majone; September, p. 25

Carcinogen Risk Assessment, edited by Curtis C. Travis; reviewed by David E. Burmaster; June, p. 29

Chemical Cycles in the Evolution of the Earth, edited by C. Bryan Gregor, Robert M. Garrels, Fred T. Mackenzie, and J. Barry Maynard; reviewed by Robert E. Dickinson; June, p. 29

Chernobyl: The Real Story, by Richard F. Mould; reviewed by Christoph Hohenemser; September, p. 25

Conservation in Africa: People, Politics and Practice, edited by David Anderson and Richard Grove; reviewed by Thomas E. Downing; April, p. 30

A Crowded Ark: The Role of Zoos in Wildlife Conservation, by Jon R. Luoma; reviewed by Peter O. Thomas; March, p. 26

The Ecology of the Nitrogen Cycle, by Janet J. Sprent; reviewed by J. W. M. la Rivière; March, p. 26

Economics, Growth and Sustainable Environments, edited by David Collard, David Pearce, and David Ulph; reviewed by Joel Darmstadter; June, p. 28

Environmental Hazards: Communicating Risks as a Social Process, by Sheldon Krimsky and Alonzo Plough; reviewed by Susan G. Hadden; November, p. 26

Environmental Management in Agriculture: European Perspectives, edited by J. R. Park; reviewed by John H. Perkins; September, p. 26

Evidence, Argument and Persuasion in the Policy Process, by Giandomenico Majone; reviewed by Jerome R. Ravetz; November, p. 25

The Evolution of the Biosphere, by M. I. Budyko; reviewed by H. E. Wright, Jr.; March, p. 25

Geology of High-Level Nuclear Waste Disposal: An Introduction, by I. S. Roxburgh; reviewed by Robert E. Dickinson; April, p. 30

Medical Geography, by Melinda S. Meade, John W. Florin, and Wilbert M. Gesler; reviewed by Harold D. Foster; November, p. 25

The New Environmental Age, by Max Nicholson; reviewed by Joyce Tait; March, p. 25

Nuclear Fear: A History of Images, by Spencer R. Weart; reviewed by Luther J. Carter; March, p. 25

Perspectives on Water Uses and Abuses, edited by David H. Speidel, Lon C. Ruedisili, and Allen F. Agnew; reviewed by J. W. M. la Rivière; November, p. 25

Pesticide Alert: A Guide to Pesticides in Fruits and Vegetables, by Lawrie Mott and Karen Snyder; reviewed by Frederick W. Plapp, Jr.; May, p. 28

Pesticide Fact Handbook, by the U.S. Environmental Protection Agency; reviewed by Steve H. Dreistadt; September, p. 25

Reforming the Forest Service, by Randal O'Toole; reviewed by Thomas J. Eager; October, p. 25

Risk Management and Hazardous Waste: Implementation and the Dialectics of Credibility, by Brian Wynne; reviewed by Joyce Tait; April, p. 29

The Roots of Modern Environmentalism, by David Pepper; reviewed by Joseph R. Visalli; June, p. 28

Saving America's Wildlife, by Thomas R. Dunlap; reviewed by John H. Perkins; May, p. 28

Soft Paths: How to Enjoy the Wilderness without Harming It, by Bruce Hampton and David Cole; reviewed by Paula Kleintjes; October, p. 25

Tropical Ecology and Physical Edaphology, by R. Lal; reviewed by Michael A. Brady; April, p. 29

Whales, Dolphins, and Porpoises of the World, by Mary L. Baker; reviewed by Peter O. Thomas; June, p. 28

■ AUTHOR INDEX ■

AHEARNE, JOHN F.
Nuclear Energy Redux*; March, p. 3

ALTIERI, MIGUEL A.
Sustainable Agriculture*; April, p. 2

ALVES, LUIZ F.
see FISHER, THOMAS R.

ANDREWS, JULIA
1989 White Paper on the Environment; July/August, p. 28

ATKESON, TIMOTHY B.
An Environmental Amendment to the Constitution?*; December, p. 2

BARBIER, EDWARD B.
Sustaining Agriculture on Marginal Land: A Policy Framework; November, p. 12

BEANLANDS, GORDON E.
An Environmental Amendment to the Constitution?*; December, p. 5

BERRY, R. STEPHEN
Energy—Our Energy Future: Time Horizons and Instability; July/August, p. 5

BLOOM, JANE
see UVA, MARY DEERY

BRADY, MICHAEL A.
Tropical Ecology and Physical Edaphology,‡ by R. Lal; April, p. 29

BROWN, HALINA
see EMANI, SRINIVAS

BRUNDTLAND, GRO HARLEM
Global Change and Our Common Future; June, p. 16

BURKE, TOM
The Year of the Greens: Britain's Cultural Revolution; November, p. 18

BURMASTER, DAVID E.
Carcinogen Risk Assessment,‡ edited by Curtis C. Travis; June, p. 29

CAHN, PATRICIA L.
see CAHN, ROBERT

CAHN, ROBERT AND PATRICIA L. CAHN
Reorganizing Conservation Efforts in New Zealand; April, p. 18

CALDWELL, LYNTON K.
A Constitutional Law for the Environment: 20 Years with NEPA Indicates the Need; December, p. 6

An Environmental Amendment to the Constitution?*; December, p. 31

CARPENTER, RICHARD A.
An Environmental Amendment to the Constitution?*; December, p. 3

CARTER, LUTHER J.
Nuclear Fear: A History of Images,‡ by Spencer R. Weart; March, p. 25

Waste Management—Current Controversies over the Waste Isolation Pilot Plant; September, p. 5

WORLD BANK

CHESS, CARON AND BILLIE JO HANCE

Opening Doors: Making Risk Communication Agency Reality; June, p. 10

CLARK, BRIAN D.

An Environmental Amendment to the Constitution?*; December, p. 5

CLARK, WILLIAM C.

Environmental Priorities for the New President; January/February, editorial

Global Change Begins at Home; May, editorial

The Politics of Planetary Management; September, editorial

COOK, JOHN R., JR.

Institutions—The CEIP Fund, Inc.; December, p. 33

CORELL, ROBERT

see MALONE, THOMAS F.

CROSSON, PIERRE

see ROSENBERG, NORMAN J.

CUBBAGE, FREDERICK W.

see REGENS, JAMES L.

DARMSTADTER, JOEL

Economics, Growth and Sustainable Environments,‡ edited by David Collard, David Pearce, and David Ulph; June, p. 28

see also ROSENBERG, NORMAN J.

DEMKO, GEORGE J.

see WOOD, WILLIAM B.

DICKINSON, ROBERT E.

Boundary Layer Climates,‡ by T. R. Oke; September, p. 25

Chemical Cycles in the Evolution of the Earth,‡ edited by C. Bryan Gregor, Robert M. Garrels, Fred T. Mackenzie, and J. Barry Maynard; June, p. 29

Geology of High-Level Nuclear Waste Disposal: An Introduction,‡ by I. S. Roxburgh; April, p. 30

DOWD, A. JOSEPH

Clean Air Reactions*; July/August, p. 2

DOWNING, THOMAS E.

Conservation in Africa: People, Policies and Practice,‡ edited by David Anderson and Richard Grove; April, p. 30

DREISTADT, STEVE H.

Pesticide Fact Handbook,‡ by the U.S. Environmental Protection Agency; September, p. 25

DUNLAP, RILEY E.

An Environmental Amendment to the Constitution?*; December, p. 4

EAGER, THOMAS J.

Reforming the Forest Service,‡ by Randal O'Toole; October, p. 25

EL-ASHRY, MOHAMED T.

Global Change*; October, p. 3

EMANI, SRINIVAS AND HALINA BROWN

Air Pollution*; May, p. 2

FAY, BILL

Clean Air Reactions*; July/August, p. 3

FEARNSIDE, PHILIP M.

Deforestation in the Amazon*; September, p. 4

A Prescription for Slowing Deforestation in Amazonia; May, p. 16

FISHER, THOMAS R. AND LUIZ F. ALVES

Deforestation in the Amazon*; September, p. 4

FOSTER, HAROLD D.

Medical Geography,‡ by Melinda S. Meade, John W. Florin, and Wilbert M. Gesler; November, p. 25

Reducing the Incidence of Disease: Clues from the Environment; April, p. 12

FRIEDLANDER, SHELDON K.

Pollution Prevention: Implications for Engineering Design, Research, and Education; May, p. 10

FRIEDMAN, KENNETH A.

see FRIEDMAN, SHARON M.

FRIEDMAN, SHARON M. AND KENNETH A. FRIEDMAN

Environmental Journalism: Guardian of the Asian Commons; June, p. 6

FUTRELL, J. WILLIAM

Institutions—Environmental Law Institute; September, p. 45

GIBBONS, JOHN H.

Nuclear Energy Redux*; March, p. 2

GOLDMAN, CHARLES R.

Lake Tahoe: Preserving a Fragile Ecosystem; September, p. 6

GOODLAND, ROBERT AND GEORGE LEDEC

Wildlands: Balancing Conversion with Conservation in World Bank Projects; November, p. 6

GRAEDEL, THOMAS E.

Regional and Global Impacts on the Biosphere: A Methodology for Assessment and Prediction; January/February, p. 8

GREENBERG, MICHAEL R., PETER M. SANDMAN, DAVID B. SACHSMAN, AND KANDICE L. SALOMONE

Media Coverage*; June, p. 3

Network Television News Coverage of Environmental Risks; March, p. 16

---

* Commentary

† Report on Reports

‡ Books of Note

HADDEN, SUSAN G.
Environmental Hazards: Communicating Risks as a Social, Process,‡ by Sheldon Krimsky and Alonzo Plough; November, p. 26

HANCE, BILLIE JO
see CHESS, CARON

HODGES, DONALD G.
see REGENS, JAMES L.

HOHENEMSER, CHRISTOPH
Chernobyl: The Real Story,‡ by Richard F. Mould; September, p. 25

HOLDGATE, MARTIN W.
Planning for Our Common Future: Options for Action; October, p. 14

HOROWITZ, MINDY B.
An Agenda for a New President; January/February, p. 33

HUGHES, LARRY AND SANDY SCOTT
Natural Resources—Canada, Carbon Dioxide, and the Greenhouse Effect; November, p. 4

JÄGER, JILL
Greenhouse: Planning for Climate Change,† edited by G. I. Pearman; June, p. 25

JEROME, FRED
Media Coverage*; June, p. 2

KARRAS, GREG
Industry—Pollution Prevention: The Chevron Story; October, p. 4

KASTEN, ROBERT W., JR.
Sustainable Agriculture*; March, p. 2

KATO, KAZU
Japan and the Environment*; July/August, p. 4

KLEINTJES, PAULA
Soft Paths: How to Enjoy the Wilderness without Harming It,‡ by Bruce Hampton and David Cole; October, p. 25

LA RIVIÈRE, J. W. M.
The Ecology of the Nitrogen Cycle,‡ by Janet J. Sprent; March, p. 26
Perspectives on Water Uses and Abuses,‡ edited by David H. Speidel, Lon C. Ruedisili, and Allen F. Agnew; November, p. 25

LAURENCE, DUNCAN AND BRIAN WYNNE
Transporting Waste in the European Community: A Free Market?; July/August, p. 12

LEDEC, GEORGE
see GOODLAND, ROBERT

LEE, KAI N.
The Columbia River Basin: Experimenting with Sustainability; July/August, p. 6

LUTHY, RICHARD G.
Education—Personnel and Research Shortages: Policy Recommendations for the Environmental Professions; April, p. 4

McDOWELL, DAVID
The Achievements of New Zealand's New Department of Conservation; April, p. 42

McGOWAN, ALAN
Effective Communication: There Is Much to Learn; March, editorial
An Environmental Thaw?; November, editorial

McNEELY, JEFFREY A.
World Resources 1988–89,† by World Resources Institute, International Institute for Environment and Development, United Nations Environment Programme; April, p. 25

MAJONE, GIANDOMENICO
Acid Rain and Emissions Trading,‡ by Roger K. Raufer and Stephen L. Feldman; June, p. 29
Bureaucratic Politics and Regulatory Reform: The EPA and Emissions Trading,‡ by Brian J. Cook; September, p. 25

MALONE, CHARLES
Ethics and Organizations*; May, p. 3

MALONE, THOMAS F. AND ROBERT CORELL
Mission to Planet Earth Revisited: An Update on Studies of Global Change; April, p. 6

MILLER, ALAN S.
Three Reports on Japan and the Global Environment†; July/August, p. 25

MOFSON, PHYLLIS
see WOOD, WILLIAM B.

NITZE, WILLIAM A.
International—The Intergovernmental Panel on Climate Change; January/February, p. 44

O'RIORDAN, TIMOTHY
Putting Our Houses in Order; June, editorial
Upward from a Foothills Summit; July/August, editorial

PERKINS, JOHN H.
The Bird of Time: The Science and Politics of Nature Conservation,‡ by N. W. Moore; April, p. 29
Environmental Management in Agriculture: European Perspectives,‡ edited by J. R. Park; September, p. 26
Saving America's Wildlife,‡ by Thomas R. Dunlap; May, p. 28

PETULLA, JOSEPH M.
Saturday's Students*; October, p. 2

PIDDINGTON, KENNETH W.
Sovereignty and the Environment: Part of the Solution or Part of the Problem?; September, p. 18

PLAPP, FREDERICK W., JR.
Pesticide Alert: A Guide to Pesticides in Fruits and Vegetables,‡ by Lawrie Mott and Karen Snyder; May, p. 28

PLOTKIN, STEVEN E.
Arctic National Wildlife Refuge*; September, p. 2
The Road to Fuel Efficiency in the Passenger Vehicle Fleet; July/August, p. 18

POLUNIN, NICHOLAS
Institutions—Foundation for Environmental Conservation; May, p. 44

PRICE, MARTIN F.
Global Change: Defining the Ill-Defined; October, p. 18

PRICKETT, GLENN T. AND DAVID A. WIRTH
Law—Environmental Impact Statements and Climate Change; March, p. 44

RAVETZ, JEROME R.
Evidence, Argument and Persuasion in the Policy Process,‡ by Giandomenico Majone; November, p. 25

REGENS, JAMES L., FREDERICK W. CUBBAGE, AND DONALD G. HODGES
Natural Resources—Greenhouse Gases, Climate Change, and U.S. Forest Markets; May, p. 4

REID, WALTER V. C.
Sustainable Development: Lessons from Success; May, p. 6

* Commentary
† Report on Reports
‡ Books of Note

UNITED NATIONS/GEORGE LOVE

REILLY, WILLIAM K.
New Zealand Conservation*; September, p. 2

RILEY, ANN L.
Overcoming Federal Water Policies: The Wildcat-San Pablo Creeks Case; December, p. 12

ROSENBERG, NORMAN J., JOEL DARMSTADTER, AND PIERRE CROSSON
Climate Change*; January/February, p. 2

RUBINOFF, IRA
Institutions—The Smithsonian Tropical Research Institute; June, p. 44

SACHSMAN, DAVID B.
see GREENBERG, MICHAEL R.

SALAFF, STEPHEN
Nuclear Waste—Nuclear Fuel Waste Disposal: The Review Process; December, p. 34

SALOMONE, KANDICE L.
see GREENBERG, MICHAEL R.

SANDMAN, PETER M.
see GREENBERG, MICHAEL R.

SCOTT, SANDY
see HUGHES, LARRY

SCUDDER, THAYER
Conservation vs. Development: River Basin Projects in Africa; March, p. 4

SEDJO, ROGER A.
Forests: A Tool to Moderate Global Warming?; January/February, p. 14

SELDMAN, NEIL
Waste Management—Mass Burn Is Dying; September, p. 42

SMITH, KIRK R.
Air Pollution*; May, p. 3

SPEER, LISA
Law—Oil Development and the Arctic National Wildlife Refuge; May, p. 42

STAVINS, ROBERT N.
Harnessing Market Forces to Protect the Environment; January/February, p. 4

TAIT, JOYCE
The New Environmental Age,‡ by Max Nicholson; March, p. 25
Risk Management and Hazardous Waste: Implementation and the Dialectics of Credibility,‡ by Brian Wynne; April, p. 29

THOMAS, PETER O.
A Crowded Ark: The Role of Zoos in Wildlife Conservation,‡ by Jon R. Luoma; March, p. 26
Whales, Dolphins, and Porpoises of the World,‡ by Mary L. Baker; June, p. 28

THORSELL, JIM
New Zealand Conservation*; September, p. 2

TUCHMANN, E. THOMAS
An Environmental Amendment to the Constitution?*; December, p. 4

UNITED NATIONS ENVIRONMENT PROGRAMME AND THE WORLD HEALTH ORGANIZATION
Monitoring the Global Environment: An Assessment of Urban Air Quality; October, p. 6

USHER, PETER
World Conference on the Changing Atmosphere: Implications for Global Security—The Conference Statement†; January/February, p. 25

UVA, MARY DEERY AND JANE BLOOM
Law—Exporting Pollution: The International Waste Trade; June, p. 4

VISALLI, JOSEPH R.
The Roots of Modern Environmentalism,‡ by David Pepper; June, p. 28

WATSON, ANN Y.
Pollution and Health*; June, p. 4

WESTING, ARTHUR H.
Law of the Air*; April, p. 3

WHITE, GILBERT F.
The Landscape Connection; April, editorial
NEPA at Twenty and Beyond; December, editorial
The Underlying Pattern; October, editorial

WILSON, RICHARD
Air Pollution, the Automobile, and Public Health,† edited by Ann Y. Watson, Richard R. Bates, and Donald Kennedy; May, p. 25

WIRTH, DAVID A.
see PRICKETT, GLENN T.

WIRTH, TIMOTHY E.
Clean Air Reactions*; July/August, p. 3

WOLF, DOUGLAS W.
Law—Superfund Implementation: The Polluter Must Be Made to Pay; January/February, p. 42

WOOD, WILLIAM B., GEORGE J. DEMKO, AND PHYLLIS MOFSON
Ecopolitics in the Global Greenhouse; September, p. 12

WORLD HEALTH ORGANIZATION
see UNITED NATIONS ENVIRONMENT PROGRAMME

WRIGHT, H. E., JR.
The Evolution of the Biosphere,‡ by M. I. Budyko; March, p. 25

WYNNE, BRIAN
Sheepfarming after Chernobyl; A Case Study in Communicating Scientific Information; March, p. 10
see also LAURENCE, DUNCAN

YAZDANI, AZITA
Waste Reduction—Source Reduction Research Partnership: A Unique Joint Venture; November, p. 2